

# Guru Nanak Institute of Technology

Department of Applied Science and

Humanities

## **Composition of BOS**

Chair-person	Dr. Sucharita Chakrabarti, HOD
Convenor	Dr Indrajit Bose, Assistant Professor of English (ASHU)
Affiliating University Nominee	Prof Subir Dhar, Professor, Department of English, Rabindra Bharati University (Retired)
Industry Representative	Mr Sadananda Mondal, Assistant Manager, India Government Mint
Academic expert (Maths)	Prof D. K. Bhattacharyya, Dept of Pure Mathematics, University of Calcutta (Retd)
Academic expert (English)	Dr. Ketaki Datta, Associate Professor, Dept of English, Bidhannagar Govt College, Kolkata
Academic expert (Physics)	Dr. Abhijit Kar Gupta, Associate Professor, Department of Physics (UG & PG), Panskura Banamali College
Academic expert (Chemistry)	Prof. Arup Mukherjee, Professor(Retd), Department of Chemical Technology, University of Calcutta
Academic expert (Mechanical Engineering)	Dr. Subhasis Bhaumik, Professor, Department of Aerospace Engineering & Applied, Mechanics, IIST, Shibpur
Alumni Member	Mrs Sananda Biswas, Assistant Professor, SET-Brainware Gp of Institutions (Student Alumna)
Faculty members	All faculty members

## NOTICE

28/04/2020

All BOS members of the ASHU Dept are cordially invited to attend the BOS meeting on 02.05.2020 at 4.30 p.m. The meeting shall be convened using the MyPerfectice Whiteboard online platform. The HOD, ASHU Dept. shall preside over the meeting. The items to be discussed are as follows:

### Agenda

1. Teaching process & online teaching.
2. Syllabus reform in Mathematics for 5<sup>th</sup> Semester.
3. Dept Events—Seminars, Workshops & Webinars:
  - a. **AICTE-sponsored STTP “Educational Technology in Engineering Teaching”** (6<sup>th</sup>—11<sup>th</sup> January)
  - b. **Workshop-cum-Boot Camp on Science & Language Skills”** (27<sup>th</sup> and 28<sup>th</sup> February)
  - c. **One-day Seminar “Advances & Challenges in Astronomy & Astrophysics”**- by Prof Debiprasad Duari (5<sup>th</sup> March)
  - d. Webinar—**“Just Connect:” New Bearings in Teacher-Student Interactions with Dr Nira Konar** (18<sup>th</sup> April)
3. Dept activities A. (post-lockdown):
  - a. Intra-college slogan competition
  - b. Inter-college slogan competition **“Combating COVID-19”**
  - c. ASHU’s OBOSHORE PROYASH”—online student video-making
4. Dept activities B. (post-lockdown):

Making of hand sanitizer by Chemistry Section
5. Donation drive & charitable activities undertaken by students and staff
6. Teacher & Student achievements
7. Innovative Research project proposals
8. Any other item with the permission of the Chair.

*Indrajit Bose*  
(Dr)Indrajit Bose  
Convenor  
BOS,  
ASHU Dept.  
GNIT

## *Dept of Applied Science & Humanities*

Guru Nanak Institute of Technology  
157/F Nilgunj Road,  
Sodepur

### **Minutes of the BOS Meeting held on 02.05.2020**

*Venue:* Myperfectice Whiteboard.

*Time:* 3.30 p.m

*Members Present:* (External Experts): **Dr. Subir Dhar** (VC's Nominee [Proposed], Professor (Retd), Dept of English, Rabindra Bharati University , **Dr. Subhasis Bhaumik**, Professor, Department of Aerospace Engineering & Applied, Mechanics, ITEST, Shibpur, **Prof D. K. Bhattacharyya**, Dept of Pure Mathematics, University of Calcutta (Retd). , **Dr Abhijit Kar Gupta**, Associate Professor, Department of Physics (UG & PG), Panskura Banamali College, **Mrs Sananda Biswas**, Assistant Professor, SET-Brainware Gp of Institutions (Student Alumna).

All internal members were present including External experts.

*Members Absent:* Prof. Arup Mukherjee, Dr. Ketaki Datta,

### **Meeting Points:**

This BOS Meeting of the ASHU Dept was entirely without precedent in the history of the Dept, being the first ever BOS online meeting arranged over a virtual platform during a global pandemic situation and general nationwide lockdown. All the attendees met and interacted in the online conference room.

The meeting commenced with the welcoming remarks of the HOD, Dr Sucharita Chakrabarti, who warmly welcomed the distinguished subject experts to the meeting and went through the meeting preliminaries.

Dr. I. Bose, Convenor, then took charge of the day's proceedings. Dr Bose read out the minutes of the previous meeting in October, which were ratified by the members present.

Dr. Bose then passed on to the reading out of the Agenda of the present's day's meeting, enumerating the items prior to a presentation and detailed discussion.

1. The discussion commenced with a review of the syllabus revision in Mathematics (Operations Research) CS505A in the 5<sup>th</sup> Semester. The salient points of the modifications were given—change of contact hours from 33 to 36, increased lecture classes in Modules 1 & 2, and narrative changes in Module 5, apart from the incorporation of CO-PO mapping.

2. Dr I. Bose presented a brief review of the online teaching-learning process, implemented by the college from the third week of week of March, in the wake of the nationwide lockdown. He reported that teachers were using various online learning platforms like Google

Classroom, Myperfectice Whiteboard and WhatsApp chat groups in order to teach and send materials in the form of notes. Teachers were sharing online tutorials and e-assignments. Over 510 and over 121 practical slots had been taken in the period of over a month. Some of the external experts enquired about the way labs were being conducted and the progress with virtual labs and making videos of experiments were reported.

3. A report on the Parent-Mentor meets for 1<sup>st</sup> Semester B. Tech students was given, with a summary of the meetings held on the Myperfectice platform on 10<sup>th</sup>, 15<sup>th</sup>, 16<sup>th</sup> and 17<sup>th</sup> April, 2020. 207 parents had participated in these meetings, it was reported, and that these digital meetings had conveyed the message of the continuance of academic and extra-academic activities inspite of the adversity of the situation.

4. A brief review of the **AICTE-STTP @ ASHU "Educational Technology in Engineering Teaching"** (6<sup>th</sup> –11<sup>th</sup> January) coordinated by **Dr. Sucharita Bhattacharyya, Member Secretary, AICTE-STTP** was shared. 50 participants had come from technical institutes across West Bengal. Subject experts like Dr Arunabha Adhikari, of WBSU, Dr Ananda Gupta, IISER, Kolkata, Dr Abhijit Kar Gupta, Panskura Banamali College, Dr Chandan Chakraborty, NITTR, Kolkata, Dr Rajat Kr. De, ISI, Kolkata and Dr Amlan Chakrabarti, University of Calcutta gave illuminating talks. A **workshop on Python** was conducted and a stimulating workshop on the **Internet of Things** by Mr Nishant T. of Edgate Technologies of Bengaluru.

5. A review of the 2-day **Workshop-cum-Boot Camp on Science and Language Skills** on 27<sup>th</sup> and 28<sup>th</sup> February, to coincide with National Science Day, was given. It was reported to be the the [first inter-school workshop-cum-boot camp](#) to raise awareness of science in academics and everyday applications as part of the Department's [first extension and outreach program for school students. 175 students and teachers participated from 7 local schools. Four Workshops took place simultaneously on Mathematics, Chemistry, English and Physics.](#) A Science Quiz, Spell Bee and Model Display were held, in which enthusiastic students participated. Prizes were also given to encourage students. The program ended with a **One-day Seminar: "Challenges in Astronomy & Astrophysics"** on 5<sup>th</sup> March by Dr Debiprasad Duari, Director, Birla Institute of Fundamental Research shared his experience in a scintillating lecture on the solar system.

6. A report was also given of the webinar on online teaching-learning entitled ***Just Connect: New Bearings in Teacher-Student Interactions*** on the 18<sup>th</sup> April, 2020 (4.30—5.30 p.m) the ASHU Dept organized in which over 200 students participated. The Webinar was facilitated by eminent ELT resource person and academic, Dr. Nira Konar, **Associate Professor at the College of Engineering & Management, Kolaghat.**

7. Various departmental activities like an inter-school slogan writing contest, "Combating COVID-19" and ASHU's "Obosore PROYASH" a video showcasing of life in the lockdown were reported.

8. The preparation of hand sanitizer according to WHO-approved guidelines by the Chemistry Section, led by Dr Sreyasree Basu & ably assisted by Dr Indrajit Bhattacharya, Dr M. Debnath & Mr C. Bhattacharyya during the initial phase of the lockdown was reported and praised as a highly noteworthy initiative.

9. Social awareness activities of the students, including visits to old age homes, a school for underprivileged children and the celebration of Hiroshima Day were mentioned. The inauguration of the wall magazine "Prayas" on 5<sup>th</sup> September, showcasing the creative talents of the students, was also mentioned.

There was much intervening discussion on different points (including MOOCs and innovative student projects) at various junctures of the slideshow.

The meeting ended with a Vote of Thanks expressed by the Head of the Dept.



(Dr)Indrajit Bose

Asst Prof of English & Convenor,

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